

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 06:31:29 ; Search time 39 Seconds
(without alignments)
447.221 Million cell updates/sec

Title: US-10-047-264A-4
Perfect score: 1432
Sequence: 1 NMPKHCFLGLISFFLTGVA.....YQPLDRSRQSEERCVRIP 263

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, AA: *
1: /cgn2_6/ptodata/1/aa/5A-COMB.pep:*
2: /cgn2_6/ptodata/1/aa/5B-COMB.pep:*
3: /cgn2_6/ptodata/1/aa/6A-COMB.pep:*
4: /cgn2_6/ptodata/1/aa/6B-COMB.pep:*
5: /cgn2_6/ptodata/1/aa/PTUS-COMB.pep:*
6: /cgn2_6/ptodata/1/aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1427	99.7	262	4	US-09-964-994B-2
2	311	21.7	221	4	US-08-943-087-52
3	310	21.6	207	4	US-09-746-359A-65
4	310	21.6	214	4	US-09-746-359A-63
5	310	21.6	217	4	US-09-746-359A-55
6	310	21.6	221	2	US-08-943-087-50
7	310	21.6	221	2	US-08-943-087-56
8	310	21.6	221	4	US-09-746-359A-12
9	310	21.6	542	4	US-10-140-002-188
10	310	21.6	547	4	US-09-746-359A-54
11	310	21.6	553	2	US-08-943-087-2
12	310	21.6	553	2	US-08-943-087-14
13	310	21.6	553	2	US-08-943-087-16
14	310	21.6	553	2	US-08-943-087-18
15	310	21.6	553	2	US-08-943-087-20
16	310	21.6	553	2	US-08-943-087-22
17	310	21.6	553	2	US-08-943-087-24
18	310	21.6	553	2	US-08-943-087-26
19	310	21.6	553	2	US-08-943-087-28
20	310	21.6	553	2	US-08-943-087-30
21	310	21.6	553	2	US-08-943-087-32
22	310	21.6	553	2	US-08-943-087-34
23	310	21.6	553	2	US-08-943-087-36
24	310	21.6	553	2	US-08-943-087-38
25	310	21.6	553	2	US-08-943-087-40
26	310	21.6	553	2	US-08-943-087-42
27	310	21.6	553	2	US-08-943-087-44

28	310	21.6	553	2	US-08-943-087-46	Sequence 46, Appl
29	310	21.6	553	2	US-08-943-087-48	Sequence 48, Appl
30	310	21.6	553	4	US-09-746-359A-11	Sequence 11, Appl
31	310	21.6	553	4	US-03-861-779-2	Sequence 2, Appl
32	310	21.6	559	4	US-09-746-359A-62	Sequence 62, Appl
33	310	21.6	571	4	US-09-746-359A-53	Sequence 53, Appl
34	310	21.6	594	4	US-09-746-359A-23	Sequence 23, Appl
35	308	21.5	221	2	US-08-943-087-54	Sequence 54, Appl
36	303	21.2	221	2	US-08-943-087-58	Sequence 58, Appl
37	299	20.9	221	2	US-08-943-087-60	Sequence 60, Appl
38	276	19.3	217	4	US-09-746-359A-38	Sequence 38, Appl
39	276	19.3	514	4	US-09-746-359A-39	Sequence 39, Appl
40	276	19.3	546	4	US-09-746-359A-37	Sequence 37, Appl
41	240	16.8	574	2	US-08-906-713-2	Sequence 4, Appl
42	240	16.8	574	4	US-09-870-574-4	Sequence 66, Appl
43	211	14.7	150	4	US-09-746-359A-66	Sequence 2, Appl
44	164.5	11.5	575	1	US-08-424-788-2	Sequence 4, Appl
45	164.5	11.5	575	1	US-08-110-683-4	

ALIGNMENTS

RESULT 1
US-09-964-994B-2
Sequence 2, Application US/09964994B
Patent No. 6740520
GENERAL INFORMATION:
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO CYTOKINE RECEPTORS AND NUCLEIC ACIDS ENCODING THE SAME
FILE REFERENCE: P3121R1
CURRENT APPLICATION NUMBER: US/09/964,994B
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: US 60/191,015
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: US 09/941,992
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 7
SEQ ID NO 2
LENGTH: 262
TYPE: PRT
ORGANISM: Homo Sapien
US-09-964-994B-2

Query Match	99.7%	Score 1427;	DB 4;	Length 262;
Best Local Similarity	100.0%	Pred. No. 7.8e-156;		
Matches 262;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	2	MPKHCFLGLISFFLTGAGTOSTHESLKPVQVQSRNFHILQWQGRALTGNSSVYF	61	
Db	1	MPKHCFLGLISFFLTGAGTOSTHESLKPVQVQSRNFHILQWQGRALTGNSSVYF	60	
QY	62	VOYKMFSCSKSSHKPSGQWQHISCNFPGCRTLIKYQSGWKNKEDCWGTQELSCDLT	121	
Db	61	VOYKMFSCSKSSHKPSGQWQHISCNFPGCRTLIKYQSGWKNKEDCWGTQELSCDLT	120	
QY	122	STSDIQEPYGRVRAAASAGSYSEWSMTPTPTPWETKIDPPVANNITQVNGSLVILHAP	181	
Db	121	STSDIQEPYGRVRAAASAGSYSEWSMTPTPTPWETKIDPPVANNITQVNGSLVILHAP	180	
QY	182	NLPYRYQKEKNVSIEDYVELLYRVFIINNSLEKQKVEGAHRAVEIATPHSSYCVWA	241	
Db	181	NLPYRYQKEKNVSIEDYVELLYRVFIINNSLEKQKVEGAHRAVEIATPHSSYCVWA	240	

QY 242 EIQPMLDRRSORSERCVEIP 263
Db 241 EIQPMLDRRSORSERCVEIP 262

RESULT 2
US-08-943-087-52
; Sequence 52, Application US/08943087
; Patent No. 5945511
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lynn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-943-087-52

Query Match 21.7%; Score 311; DB 2; Length 221;
Best Local Similarity 32.0%; Pred. No. 2.4e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KPRVQFQSNFNILQWPGKALTGNSVYFVQYKIMFSCMSKSHQKPGSCWQHISCN 89
Db 10 KPGNITFLSINMKVNLQWTPPEGLOGVKVYTVQYFI-----46
QY 90 FPGCRTLAKYQGRQWKNKEDCWGTQELSDLTSETSDIQEPYGRVRAASAGSYSEWSMT 149
Db 47 -----YGQKWLKSECRNINRTYCDLSAETSDYEHQYAKVKAINGTKCKSWAES 97
QY 150 PRFTPMWETKIDPPVNMITQVNGSLVILHAPNLPYRQKKNVSIEDYY-ELLYRVFII 208
Db 98 GRFYFPLETQIGPPEVGLTDEKSIISVLTAPKWKRNPEDLFVSNMQQIYSNLKYNVSL 157
QY 209 NNSLEKEQKVEGAHRAVEATEALTPHSSYCVVAIYQPMIDRRSORSERC 259

Db 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVGPSPRAQPSKQC 207
RESULT 3
US-09-746-359A-65
; Sequence 65, Application US/09746359A
; Patent No. 6610286
; GENERAL INFORMATION:
; APPLICANT: Thompson, Penny
; APPLICANT: Foster, Donald C.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Madden, Karen L.
; APPLICANT: Kelly, James D.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Blumberg, Hal
; APPLICANT: Eagan, Maribeth A.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Chandrasekher, Yasmin A.
; APPLICANT: No. 6610286ak, Julia E.
; TITLE OF INVENTION: Method for Treating Inflammation
; FILE REFERENCE: 99-108
; CURRENT APPLICATION NUMBER: US/09/746,359A
; PRIOR FILING DATE: 2001-05-21
; PRIOR FILING DATE: 1999-12-23
; PRIOR FILING DATE: 60/213,341
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-746-359A-65

Query Match 21.6%; Score 310; DB 4; Length 207;
Best Local Similarity 32.0%; Pred. No. 2.8e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KPRVQFQSNFNILQWPGKALTGNSVYFVQYKIMFSCMSKSHQKPGSCWQHISCN 89
Db 3 KPNITFLSINMKVNLQWTPPEGLOGVKVYTVQYFI-----39
QY 90 FPGCRTLAKYQGRQWKNKEDCWGTQELSDLTSETSDIQEPYGRVRAASAGSYSEWSMT 149
Db 40 -----YGQKWLKSECRNINRTYCDLSAETSDYEHQYAKVKAINGTKCKSWAES 90
QY 150 PRFTPMWETKIDPPVNMITQVNGSLVILHAPNLPYRQKKNVSIEDYY-ELLYRVFII 208
Db 91 GRFYFPLETQIGPPEVGLTDEKSIISVLTAPKWKRNPEDLFVSNMQQIYSNLKYNVSL 150
QY 209 NNSLEKEQKVEGAHRAVEATEALTPHSSYCVVAIYQPMIDRRSORSERC 259
Db 151 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVGPSPRAQPSKQC 200

RESULT 4
US-09-746-359A-63
; Sequence 63, Application US/09746359A
; Patent No. 6610286
; GENERAL INFORMATION:
; APPLICANT: Thompson, Penny
; APPLICANT: Foster, Donald C.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Madden, Karen L.
; APPLICANT: Kelly, James D.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Blumberg, Hal
; APPLICANT: Eagan, Maribeth A.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Chandrasekher, Yasmin A.
; APPLICANT: No. 6610286ak, Julia E.
; TITLE OF INVENTION: Method for Treating Inflammation